



UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Hideyuki KOBAYASHI et al.

Title: CHARGING METHOD FOR USE IN SERVICE
PROVIDING SYSTEM, PROGRAM, AND
STORAGE MEDIUM (as amended)

Appl. No.: 10/534,760

Filing Date: 5/13/2005

Examiner: Unassigned

Art Unit: Unassigned

REQUEST FOR CORRECTED FILING RECEIPT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Attn: Appl. Processing Division, Customer Correction Branch

Sir:

Attached is a copy of the official Filing Receipt received from the PTO in the above-referenced application.

There is an error with respect to the title. The title should read: **CHARGING METHOD FOR USE IN SERVICE PROVIDING SYSTEM, PROGRAM, AND STORAGE MEDIUM.**

The title was amended in the Preliminary Amendment filed May 13, 2005. A copy of the Preliminary Amendment and postcard receipt is also attached.

The correction is not due to any error by Applicant and, accordingly, no fee is due.
Issuance of a corrected Filing Receipt is respectfully requested.

Respectfully submitted,

Date 9/22/05

By 

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UNITED STATES PATENT AND TRADEMARK OFFICE

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AFPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
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CONFIRMATION NO. 7036
 FILING RECEIPT
 OC000000016775599
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Date Mailed: 08/16/2005

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Hideyuki Kobayashi, Kyoto, JAPAN;
 Shinichi Mukaigawa, Kyoto, JAPAN;
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Assignment For Published Patent Application

Omron Corporation, Kyoto, JAPAN

Power of Attorney: The patent practitioners associated with Customer Number 22428.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP03/14409 11/12/2003

Foreign Applications

JAPAN 2002-332843 11/15/2002

Projected Publication Date: 11/24/2005

Non-Publication Request: No

Early Publication Request: No

Title

Charging method in service providing system, service providing server, service providing program, recording medium containing the service providing program, terminal device, terminal processing program, and recording medium containing the terminal processing program

Preliminary Class

455

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Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

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Atty. Dkt. No. 036910-0114

UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Hideyuki KOBAYASHI et al.

Title: CHARGING METHOD FOR USE
IN SERVICE PROVIDING
SYSTEM, PROGRAM, AND
STORAGE MEDIUM (as
amended)

Appl. No.: Unassigned

Filing Date: 5/13/2005

Examiner: Unassigned

Art Unit: Unassigned

PRELIMINARY AMENDMENT UNDER 37 CFR 1.115

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Prior to examination of the present Application, Applicant respectfully requests that the application be amended as follows:

Amendments to the Specification, including the Title, begin on page 2 of this document.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this document.

Remarks/Arguments begin on page 8 of this document.

Please amend the application as follows:

Amendments to the Specification:

Page 1, amend the Title to read as follows:

--CHARGING METHOD FOR USE IN SERVICE PROVIDING SYSTEM,
PROGRAM, AND STORAGE MEDIUM--.

Page 1, after the Title, please insert the following paragraph:

This application is a National Stage application of PCT/JP03/14409, filed November 12, 2003, which claims priority from Japanese patent application JP 2002-332843, filed November 15, 2002. The entire contents of each of the aforementioned applications are incorporated herein by reference.

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) A charging method for use in a service providing system having (a) a first terminal device owned by a user and (b) a service providing server, connected to the first terminal device via a communication network, offering an information providing service to the first terminal device, the method comprising:

(I) a step of a service providing server transmitting, to the first terminal device, a modification command for modifying a predetermined parameter determining an operation of the first terminal device;

(II) a step of the first terminal device modifying the predetermined parameter only when the first terminal device receives the modification command for modifying the predetermined parameter from the service providing server; and

(III) a step of the service providing server charging the user owning the first terminal device a fee for the transmission of the modification command for modifying the predetermined parameter, in a case where the service providing server transmits, to the first terminal device, the modification command for modifying the predetermined parameter.

2. (Original) The method as set forth in claim 1, wherein:

upon receipt of a request for modifying the predetermined parameter from the user, the service providing server transmits, to the first terminal device owned by the user, the modification command for modifying the predetermined parameter in accordance with a content of the received request.

3. (Original) The method as set forth in claim 2, wherein:

a second terminal device which is different from the first terminal device is owned by the user, the second terminal device being connected to the service providing server via a communication network; and

the request for modifying the predetermined parameter to the service providing server is made by the user by means of the second terminal device.

4. (Currently amended) The method as set forth in ~~any one of claims 1 through 3~~ claim 1, wherein:

in offering a service of providing information to the first terminal device, the service providing server charges the user owning the first terminal device a fee for the service offered.

5. (Currently amended) The method as set forth in ~~any one of claims 1 through 3~~ claim 1, further comprising:

(IV) a step of the service providing server, when the first terminal device owned by the user transmits certain information to the service providing server, rewarding the user with one or more points, the points varying in number depending on information received; and

(V) a step of the service providing server using at least one of the points owned by the user for settlement of the charge to the user.

6. (Currently amended) The method as set forth in ~~any one of claims 1 through 3~~ claim 1, wherein:

the first terminal device is an in-vehicle terminal device provided in an automobile owned by the user, and

the predetermined parameter is a parameter determining an operation of the in-vehicle terminal device in a vehicle-antitheft system.

7. (Original) The method as set forth in claim 6, wherein:

the predetermined parameter is a parameter identifying a type of intimidation action and/or reporting action to be carried out when a sensor provided in the automobile detects an abnormal situation.

8. (Currently amended) A service providing server for carrying out the charging method for use in a service providing system, as set forth in ~~any of claims 1 through 3~~ claim 1.

9. (Original) A service providing program for causing a computer to execute a process in the service providing server as set forth in claim 8.

10 (Original) A storage medium storing a service providing program for causing a computer to execute a process in the service providing server as set forth in claim 8.

11. (Currently amended) A terminal device for carrying out the charging method for use in a service providing system, as set forth in ~~any of claims 1 through 3~~ claim 1.

12. (Original) A terminal processing program for causing a computer to execute a process in the terminal device as set forth in claim 11.

13. (Original) A recording medium containing a terminal processing program for causing a computer to execute a process in the terminal device as set forth in claim 11.

14. (Original) A control method of a service providing server being connected to a first terminal device and a second terminal device via a communication network, the service providing server offering an information providing service with respect to the first terminal device, the method comprising:

(I) a modification request accepting step of receiving a modification request from the second terminal device, the modification request requesting to transmit, to the first terminal device, a modification command for modifying a predetermined parameter determining an operation of the first terminal device; and

(II) a modification command transmitting step of generating the modification command in accordance with the modification request, and then transmitting the modification command to the first terminal device.

15. (Original) The method as set forth in claim 14, further comprising:

(III) a validity judging step of judging whether or not the modification request received from the second terminal device is valid.

16. (Original) The method as set forth in claim 15, wherein:

the first terminal device has a plurality of the parameter, the parameter being settable on a parameter-by-parameter basis, and

in the step (III), it is judged whether the modification request received from the second terminal device is valid with reference to a combination-table specifying, in advance, whether or not each combination of the parameters of the first terminal device is permitted.

17. (Currently amended) The method as set forth in ~~any one of claims 14 through 16~~ claim 14, further comprising:

(IV) history recording step of storing, in a history information database, a content of a parameter setting when transmitting the modification command to the first terminal device.

18. (Original) The method as set forth in claim 17, further comprising the step of:

(V) a setting restoration step of generating a modification command for change back a parameter into a previous state in accordance with the history information database, and then transmitting the generated modification command to the first terminal device.

19. (Currently amended) A service providing server executing the control method of a service providing server, as set forth in ~~any one of claims 14 through 18~~ claim 14.

20. (Currently amended) A service providing program for causing a computer to execute the control method of a service providing server, as set forth in ~~any one of claims 14 through 18~~ claim 14.

21. (Currently amended) A storage medium containing a service providing program for causing a computer to execute the control method of a service providing server, as set forth in ~~any one of claims 14 through 18~~ claim 14.

22. (Currently amended) A service providing system, comprising:
the service providing server as set forth in ~~any one of claims 14 through 18~~ claim 14; and
a first terminal device and a second terminal device, each of which being connected to the service providing server via a communication network.

REMARKS

Applicant respectfully requests that the foregoing amendments be made prior to examination of the present application.

In the specification, the Title has been amended and a paragraph has been amended on page 1.

Claims 4-6, 8, 11, 17 and 19-22 are currently being amended to eliminate multiple dependency.

This amendment changes claims in this application. A detailed listing of all claims that are in the application is presented with an appropriate defined status identifier.

Applicant believes that the present application is now in condition for allowance. Favorable consideration of the application as amended is respectfully requested.


The Examiner is invited to contact the undersigned by telephone if it is felt that a telephone interview would advance the prosecution of the present application.


Respectfully submitted,

Date May 13, 2005

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Title: CHARGING METHOD FOR USE IN SERVICE PROVIDING SYSTEM, PROGRAM AND STORAGE
MEDIUM
Inventor(s): Hideyuki KOBAYASHI et al.
Appl. No.: Unassigned

Dkt. No. 036910-0114
WTE/ps/kaw

- Transmittal of U.S. National Stage Patent Application (2 pgs. in duplicate);
- Translation of Patent Application Specification/claims/abstract (77 pgs.);
- Formal Drawings (14 sheets, Figs. 1-15);
- Application Data Sheet (3 pgs.);
- Preliminary Amendment (8 pgs.);
- Information Disclosure Statement (2 pgs.);
- International Search Report (3 pgs);
- PTO Form SB/08 (1 pg.) and copies of 6 of 7 listed references;
- Check Number 4364 for \$1,230.00.

Due Date: May 15, 2005
Date Filed: May 13, 2005

Insp. By: LB



LB